From: Stevens, Caroline [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DFD9EB36DB0A44EAA6CABF85F3CF0550-STEVENS, CAROLINE]

**Sent**: 2/14/2020 9:22:44 PM

To: Watkins, Tim [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4cbd1c572f584fd7b0a3b5945f118558-Watkins, Tim]; Schumacher, Brian

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=c2d457e4a6684028801b188422df52a7-Schumacher, Brian]; Washington,

John [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=fdc3e8ce9f1d45c4894881ff420ca104-Washington, John]

**CC**: Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]

**Subject**: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Thank you, Tim. Lisa sent us an updated presentation with minor formatting changes (mainly shortening slide titles and changing font sizes). (I'll forward this email separately.) I also spoke with Lisa earlier today, and I'll work with John to address her feedback early next week.

# Ex. 5 Deliberative Process (DP)

Thanks,

Caroline

Ex. 6 PP / Ex. 7(C)

From: Watkins, Tim < Watkins. Tim@epa.gov> Sent: Friday, February 14, 2020 3:53 PM

To: Schumacher, Brian <Schumacher.Brian@epa.gov>; Washington, John <Washington.John@epa.gov>; Stevens,

Caroline <Stevens.Caroline@epa.gov>

Cc: Buckley, Timothy < Buckley. Timothy@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

I am comfortable with the suggestions below regarding adding "Preliminary Results – Do not cite or quote" and adding the statement regarding publication status on the last slide. Also, since Andy has reviewed the slides previously and cleared them and he now indicates that they do not need to be submitted for clearance again (as long as the slides have not changed), then essentially he has cleared them again.

I also noted that the time allotted for the presentation is 15 min. I suspect that Lisa Matthews may suggest cutting the number of slides. If so, I would consider removing the slides regarding the observation in NH. I certainly think this is an interesting finding, worthy of additional investigation, but focusing on NJ results may be best for this group. Lisa may also suggest these slides are too technical for the audience. We can see what kind of feedback/suggestions we receive from Lisa.

Also, one other thing. The Region 2 Administrator has requested a briefing on our work in NJ. Originally, there was discussion about having this briefing in February (I briefly mentioned this to John and Brian (?) when we were in Athens) but I recently received an invitation from Region 2 for the meeting at 11AM on March 3<sup>rd</sup>. I also had a quick discussion with a division director in Region 2 (Ariel Iglesias) about also having a more in-depth briefing for Region 2 technical staff on the same day in the afternoon. We need to discuss how best to approach these meetings regarding travel, presentations, and presenters. We can jump on this next week, but I wanted to get the information to you.

Thanks and let me know if you have any questions.

Tim Watkins Director

Center for Environmental Measurement and Modeling

Office of Research and Development, USEPA

watkins.tim@epa.gov

(919) 541-5114 (O)

Ex. 6 Personal Privacy (PP)

"Protecting human health and the environment by delivering innovative measurement and modeling solutions to EPA and our partners."

From: Schumacher, Brian < Schumacher. Brian@epa.gov>

Sent: Friday, February 14, 2020 11:18 AM

To: Washington, John < Washington. John@epa.gov>; Stevens, Caroline < Stevens. Caroline@epa.gov>; Watkins, Tim

<Watkins.Tim@epa.gov>

Cc: Buckley, Timothy < Buckley. Timothy@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

John,

No problem not naming the journal. Just say it has been submitted to a peer-reviewed journal and let it go. As to the report being delivered to NJ, great. Just add a line citing it and we should be good,

Brian

From: Washington, John < Washington. John@epa.gov>

Sent: Friday, February 14, 2020 8:15 AM

**To:** Schumacher, Brian <<u>Schumacher.Brian@epa.gov</u>>; Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Watkins, Tim <<u>Watkins.Tim@epa.gov</u>>

Cc: Buckley, Timothy < Buckley. Timothy@epa.gov>

Subject: Re: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi Brian,

This sounds generally good to me. I prefer not to name the journal at this point so it can go to some other journal without the rejection being as obvious (if it is rejected by Science -- present status is "under consideration" which is post reviews). And the data in this presentation have been delivered to the NJDEP as a report.

I will make the changes next week when I am working. And I will submit the changed slides to ECOs next week.

Thanks, John

From: Schumacher, Brian < Schumacher. Brian@epa.gov >

Sent: Friday, February 14, 2020 10:50 AM

**To:** Washington, John <<u>Washington.John@epa.gov</u>>; Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Watkins, Tim <<u>Watkins.Tim@epa.gov</u>>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

John,

Here are my thoughts:

- 1. Remove the "internal deliberative draft"
- 2. Can add "Preliminary results. Please do not distribute or cite." or something like that.
- 3. On the slide 17 the "Thanks" slide (or on a new slide just before the Thanks slide), add something to the effect that "These results have been submitted to Science journal (add title) and are under review." We can also add a line stating that "These results will also be submitted to NJ DEP in a data report soon (if this is true and applicable).

Make sense?

Brian

From: Washington, John < Washington. John@epa.gov>

Sent: Friday, February 14, 2020 7:24 AM

To: Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Watkins, Tim <<u>Watkins.Tim@epa.gov</u>>; Schumacher, Brian

<<u>Schumacher.Brian@epa.gov</u>>

Subject: Re: Presentation of ORD/NJDEP work at next EPA ECOS call

Hello,

For what it is worth, with New Jersey DEP, I thought "Internal Deliberative Draft" was reasonable because we are collaborating with them.

This is a teleconference-type meeting. Considering people are not traveling to attend and we have not yet had this work accepted by a journal, I am quite willing to cancel this presentation if that is your preference.

While I was complying managerial decision, I am sorry for the headache, John

From: Stevens, Caroline <Stevens.Caroline@epa.gov>

Sent: Friday, February 14, 2020 10:13 AM

To: Watkins, Tim < Watkins. Tim@epa.gov >; Schumacher, Brian < Schumacher. Brian@epa.gov >

Cc: Washington, John < Washington. John@epa.gov>

Subject: FW: Presentation of ORD/NJDEP work at next EPA ECOS call

Hello Tim and Brian,

I'm not sure if you are in today, but a couple of questions have come up about John's scheduled presentation to ECOS on Feb. 24<sup>th</sup>. First, John had included the note "Internal deliberative draft—do not cite or quote" at the bottom of each slide. Lisa Matthews would like to remove the label "internal deliberative draft" because ECOS is an external audience of state regulators. I'm not sure exactly why the label was included in the first place, because the presentation was prepared for the NJ DEP, which is an external audience.

The other issue is that Tim Buckley says that the slides will need to be cleared again. John sent an email to Andy Gillespie on Jan. 30 asking if he needed to clear the slides again. Andy responded on Feb. 3 that he "If you stick with cleared slides (even a subset), no further clearance needed." (see attached email) Lisa notes below that she is going to review the slides and put them in their format, so perhaps that will necessitate clearing the slides again anyway. I'll forward the slides as soon as I receive the revised slide deck from Lisa.

I'm working from home today, but I can be reached at 706-540-3936.

Thanks. Caroline

From: Matthews, Lisa < Matthews.Lisa@epa.gov>

Sent: Friday, February 14, 2020 10:05 AM

To: Buckley, Timothy < Buckley. Timothy@epa.gov>

Cc: Stevens, Caroline <Stevens.Caroline@epa.gov>; McCabe, Erin <mccabe.erin@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Tim,

I'm going to review the slide deck and put in our format...nothing significant. Please wait on revised version for your clearance.

Thanks,

Lisa

From: Buckley, Timothy < Buckley.Timothy@epa.gov >

Sent: Friday, February 14, 2020 9:45 AM

To: Washington, John <Washington.John@epa.gov>; Matthews, Lisa <Matthews.Lisa@epa.gov>; McCabe, Erin

<mccabe.erin@epa.gov>

Cc: Stevens, Caroline < Stevens. Caroline@epa.gov >

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

John,

These slides will need to cleared again, i.e. for each presentation.

Caroline, if you are working today, please give me a call and we can strategize how to get this done.

Tim

Timothy J. Buckley, Ph.D. Acting Associate Center Director for Health & Ecology U.S. EPA/ORD's Center for Public Health & Environmental Assessment 109 TW Alexander Drive (MD 305-02) Research Triangle Park, NC 27711

PH: (919) 541-2454 (O); Ex. 6 Personal Privacy (PP) (1) EMAIL: buckley.timothy@epa.gov

CPHEA's Vision is to be world leaders delivering innovative and integrative research providing the foundation for evidence-based decisions and actions to protect our environment, public health and well-being.

From: Washington, John < Washington. John@epa.gov>

Sent: Friday, February 14, 2020 9:29 AM

To: Matthews, Lisa < Matthews.Lisa@epa.gov >; McCabe, Erin < mccabe.erin@epa.gov >

Cc: Stevens, Caroline < Stevens.Caroline@epa.gov >; Buckley, Timothy < Buckley.Timothy@epa.gov >

Subject: Re: Presentation of ORD/NJDEP work at next EPA ECOS call

Since Tim Buckley suggested this presentation, Tim can make the call on the change you propose to the slides. Changing cleared slides, after clearance, is above my pay grade.

From: Matthews, Lisa < Matthews.Lisa@epa.gov>

**Sent:** Friday, February 14, 2020 9:25 AM

To: Washington, John < Washington. John@epa.gov >; McCabe, Erin < mccabe.erin@epa.gov >

Cc: Stevens, Caroline < Stevens. Caroline@epa.gov >

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

We can make this change – just recognize our audience is external to EPA (mostly state environmental agencies)

From: Washington, John < Washington. John@epa.gov>

Sent: Friday, February 14, 2020 9:24 AM

To: Matthews, Lisa < Matthews.Lisa@epa.gov >; McCabe, Erin < mccabe.erin@epa.gov >

Cc: Stevens, Caroline <Stevens.Caroline@epa.gov>

Subject: Re: Presentation of ORD/NJDEP work at next EPA ECOS call

I am not working today. What I sent is what is available.

From: Matthews, Lisa < Matthews.Lisa@epa.gov>

Sent: Friday, February 14, 2020 9:21 AM

To: Washington, John < Washington. John@epa.gov >; McCabe, Erin < mccabe.erin@epa.gov >

Cc: Stevens, Caroline < Stevens. Caroline@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Internal Deliberative Draft will need to come off

From: Washington, John < Washington. John@epa.gov>

**Sent:** Friday, February 14, 2020 9:19 AM **To:** McCabe, Erin <mccabe.erin@epa.gov>

Cc: Matthews, Lisa <Matthews.Lisa@epa.gov>; Stevens, Caroline <Stevens.Caroline@epa.gov>

Subject: Re: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi Erin,

I am attaching my slides.

These slides have been approved previously by EPA/ORD for limited presentation.

Happy weekend,

John

From: McCabe, Erin <mccabe.erin@epa.gov>

Sent: Thursday, February 13, 2020 8:12 AM

**To:** Washington, John < <u>Washington.John@epa.gov</u>> **Cc:** Matthews, Lisa < <u>Matthews.Lisa@epa.gov</u>>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi John,

Thanks for sending the title and abstract. Please also remember to send us your slides by COB tomorrow.

Best,

Erin

#### Erin McCabe

U.S. Environmental Protection Agency Office of Research and Development 202-564-4873 mccabe.erin@epa.gov

From: Washington, John < Washington. John@epa.gov>

**Sent:** Tuesday, February 4, 2020 4:16 PM **To:** McCabe, Erin <mccabe.erin@epa.gov>

Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Matthews, Lisa <Matthews.Lisa@epa.gov>; Stevens, Caroline

<<u>Stevens.Caroline@epa.gov</u>>; Schumacher, Brian <<u>Schumacher.Brian@epa.gov</u>>; Gillespie, Andrew

<Gillespie.Andrew@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi Erin,

The attached Word file includes my title and paragraph abstract for the presentation that Tim Buckley suggested for ECOS. All of this content has been cleared previously. I paste this draft below my name in this email as well.

All my slides will be from previously cleared slides that were presented at NJ. The abstract is taken from our cleared manuscript, with a few clauses removed to simplify.

If any of copied managers have concerns, please let me know and I will retract or modify.

Thanks, John

Draft:

# Nontargeted mass-spectral discovery of novel PFAS & their use to fingerprint legacy PFAS in New Jersey

## Ex. 5 Deliberative Process (DP)

From: McCabe, Erin < mccabe.erin@epa.gov>
Sent: Tuesday, February 4, 2020 11:56 AM

To: Washington, John < Washington. John@epa.gov >

Cc: Buckley, Timothy < Buckley. Timothy@epa.gov>; Matthews, Lisa < Matthews.Lisa@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi John,

Please remember to send us your title and paragraph description to include on the agenda today. And as a reminder, slides are due to Lisa and me next Friday, February 14.

Thanks! Erin

From: Matthews, Lisa < Matthews.Lisa@epa.gov>

Sent: Tuesday, January 28, 2020 6:42 PM

To: Washington, John < Washington. John@epa.gov>

Cc: Buckley, Timothy <Buckley.Timothy@epa.gov>; Stevens, Caroline <Stevens.Caroline@epa.gov>; Stevens, Caroline

<<u>Stevens.Caroline@epa.gov</u>>; McCabe, Erin <<u>mccabe.erin@epa.gov</u>> **Subject:** RE: Presentation of ORD/NJDEP work at next EPA ECOS call

The audience is mixed – managers and technical staff. Presentation should be more high-level, easily understandable, and not overly technical. Examples/case studies of how NJ and other states are using/benefitting from the source signature work should be included.

From: Washington, John < Washington. John@epa.gov>

**Sent:** Tuesday, January 28, 2020 12:34 PM **To:** Matthews, Lisa < Matthews.Lisa@epa.gov>

Cc: Stevens, Caroline < Stevens. Caroline@epa.gov >; Buckley, Timothy < Buckley. Timothy@epa.gov >

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi Lisa,

Is the intended audience on ECOS advanced chemists, scientists, technicians or managers, or some mix? How would you characterize the desired detail/level of presentation?

Thanks, John

From: Matthews, Lisa < Matthews.Lisa@epa.gov >

Sent: Tuesday, January 28, 2020 10:01 AM

**To:** Buckley, Timothy < <u>Buckley.Timothy@epa.gov</u>>; Lindstrom, Andrew < <u>Lindstrom.Andrew@epa.gov</u>>; Washington, John < Washington.John@epa.gov>

**Cc:** Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Schumacher, Brian <<u>Schumacher.Brian@epa.gov</u>>; Stanek, Lindsay <<u>Stanek.Lindsay@epa.gov</u>>; Baxter, Lisa <<u>Baxter.Lisa@epa.gov</u>>; Gillespie, Andrew <<u>Gillespie.Andrew@epa.gov</u>>;

McCabe, Erin < mccabe.erin@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Great, thanks! The presentation should be 15 minutes long. We'll need the title and a paragraph description to include on the agenda by Tuesday, February 4.

Given the holiday the Monday before the call, please send draft slides by Friday, February 14 to Erin McCabe and me.

Let me know if you have any other questions.

Lisa

From: Buckley, Timothy < Buckley. Timothy@epa.gov >

Sent: Tuesday, January 28, 2020 8:30 AM

To: Lindstrom, Andrew < Lindstrom. Andrew@epa.gov >; Washington, John < Washington. John@epa.gov >

**Cc:** Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Schumacher, Brian <<u>Schumacher.Brian@epa.gov</u>>; Stanek, Lindsay <<u>Stanek.Lindsay@epa.gov</u>>; Baxter, Lisa <<u>Baxter.Lisa@epa.gov</u>>; Gillespie, Andrew <<u>Gillespie.Andrew@epa.gov</u>>;

Matthews, Lisa < Matthews. Lisa@epa.gov >

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Andy,

I agree with this take. Also, I wonder if we could have Erica introduce.

Lisa, can you confirm the slot is still available and the amount of time allotted.

Tim

From: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>

**Sent:** Tuesday, January 28, 2020 7:39 AM

To: Washington, John < Washington. John@epa.gov >; Buckley, Timothy < Buckley. Timothy@epa.gov >

**Cc:** Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Schumacher, Brian <<u>Schumacher.Brian@epa.gov</u>>; Stanek, Lindsay <<u>Stanek.Lindsay@epa.gov</u>>; Baxter, Lisa <<u>Baxter.Lisa@epa.gov</u>>; Gillespie, Andrew <<u>Gillespie.Andrew@epa.gov</u>>;

Matthews, Lisa < Matthews. Lisa@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Tim and John,

It is good to hear that the NJ DEP work can be presented during the next ECOS call. I think it will be helpful for folks to understand that PFAS source signature work is possible and potentially very helpful in various contexts. (In my call last week with R1 and Maine DOH, the description of the NJ DEP work seemed to be help confirm their ideas that this kind of work is possible and potentially very specific.)

For this upcoming ECOS call, I suggest John provide the entire overview. A single coherent voice will help communicate the message most effectively. I'm also very happy to help in any way if needed.

Thank you very much,

Andy

From: Washington, John < Washington. John@epa.gov>

**Sent:** Monday, January 27, 2020 11:35 AM

To: Buckley, Timothy < Buckley. Timothy@epa.gov>; Lindstrom, Andrew < Lindstrom. Andrew@epa.gov>

**Cc:** Stevens, Caroline <<u>Stevens.Caroline@epa.gov</u>>; Schumacher, Brian <<u>Schumacher.Brian@epa.gov</u>>; Stanek, Lindsay <<u>Stanek.Lindsay@epa.gov</u>>; Baxter, Lisa <<u>Baxter.Lisa@epa.gov</u>>; Gillespie, Andrew <<u>Gillespie.Andrew@epa.gov</u>>;

Matthews, Lisa < Matthews.Lisa@epa.gov>

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi Tim,

Any option (Andy alone, me alone, or Andy plus me) is fine with me. Just let me know what you/Andy decide. If I am involved, let me the intended audience and depth of detail desired. I will draft slides for that purpose and then discuss editorial suggestions with you.

John

From: Buckley, Timothy < Buckley. Timothy@epa.gov>

Sent: Monday, January 27, 2020 10:31 AM

To: Washington, John < Washington. John@epa.gov >; Lindstrom, Andrew < Lindstrom. Andrew@epa.gov >

**Cc:** Stevens, Caroline < <a href="mailto:Stevens.Caroline@epa.gov">Stanek, Lindsay</a>; Schumacher, Brian < <a href="mailto:Schumacher.Brian@epa.gov">Stanek, Lindsay@epa.gov</a>; Stanek, Lindsay@epa.gov</a>; Baxter, Lisa <a href="mailto:Baxter.Lisa@epa.gov">Baxter, Lisa@epa.gov</a>; Gillespie, Andrew <a href="mailto:Gillespie.Andrew@epa.gov">Gillespie.Andrew@epa.gov</a>;

Matthews, Lisa < Matthews. Lisa@epa.gov >

Subject: FW: Presentation of ORD/NJDEP work at next EPA ECOS call

John and Andy,

ORD has a monthly call with ECOS related to PFAS with states and ORD presenting relevant activities. There is a 15 min slot open on Feb 24<sup>th</sup> (4-5 PM). If one of you is available to talk about your NJ source signature work, I think that it would be of great interest to this audience. I checked with Erica (see below), and she indicated that NJ DEP was supportive. Let me know if you are able and willing.

Thanks.

Tim

From: Bergman, Erica < <a href="mailto:Erica.Bergman@dep.nj.gov">Erica.Bergman@dep.nj.gov</a>>

Sent: Thursday, January 23, 2020 4:28 PM

To: Buckley, Timothy < Buckley. Timothy@epa.gov >

Subject: RE: Presentation of ORD/NJDEP work at next EPA ECOS call

Hi Tim,

I forwarded this request to my bureau chief and DEP/DOL counsel and there is no problem sharing this study on the ECOS call.

Thank you for considering us, good luck with the presentation!

### Erica Bergman

### NJ Department of Environmental Protection

Site Remediation Program – Bureau of Case Management 401 E. State Street - Mail Code 401-05F P.O. Box 420 Trenton, NJ 08625-0420 erica.bergman@dep.nj.gov

609-292-7406		
** Advisor integration in Refugat. "On the copy than have count, worked, with the day to provide the section than the copy than have count, worked, worked than the provide the section than the copy		

From: Buckley, Timothy < Buckley. Timothy@epa.gov>

**Sent:** Wednesday, January 22, 2020 1:29 PM **To:** Bergman, Erica < <a href="mailto:Erica.Bergman@dep.nj.gov">Erica.Bergman@dep.nj.gov</a>>

Subject: [EXTERNAL] Presentation of ORD/NJDEP work at next EPA ECOS call

Erica,

I am wondering if you have any objection to EPA (John Washington or Andy Lindstrom) presenting our collaborative PFAS source signature work at the next EPA ECOS call on Feb 24<sup>th</sup>. It will be one of two presentations and therefore need to be fairly brief, i.e. a subset of slides from our briefing last Dec. I am checking with you before discussing with John or Andy.

Tim

Timothy J. Buckley, Ph.D.
Acting Associate Center Director for Health & Ecology
U.S. EPA/ORD's Center for Public Health & Environmental Assessment
109 TW Alexander Drive (MD E205-01)
Research Triangle Park, NC 27711

PH: (919) 541-2454 (O); (919) 308-3480 (M)

EMAIL: buckley.timothy@epa.gov